

# Recruiting: Mid-level GIS Developer, Indonesia

## About Meridia

Meridia is an agtech company contributing to inclusive, transparent and sustainable smallholder supply chains that are future-proof.

Built on our expertise and technology, we offer accurate and reliable field data solutions and software products at scale for smallholder supply chains. We specialise in collecting, analysing and verifying high-quality data to accelerate our client's sustainability & ESG commitments.

Accurate farm and traceability data are critical for businesses to comply with ever-stricter compliance regulations and deliver upon sustainability commitments. At the same time, most smallholders continue to struggle to earn a living income, fueling the deforestation and biodiversity crisis. Reliable field data is needed to drive the transformation toward confronting these challenges.

See <https://www.meridia.land> for more information on our work.

## The Role

The Mid-level GIS Developer will collaborate with the GIS Software Developers and the Head of Engineering to advance the development of Meridia's Verify product. Verify is a SaaS farm data quality validation that encompasses an entire data pipeline from ingestion, analysis to rendering. An infrastructure is under construction to scale to millions of farm polygons and geopoints from over 35 countries. This position holds significant responsibility for designing and delivering multiple GIS components in collaboration with a team of developers. You will be based in Indonesia and will work closely with our teams in The Netherlands and Lithuania as well as with colleagues across Indonesia. You will report to the Head of Engineering in the Netherlands.

## Responsibilities

The Mid-level GIS Software Developer has the following areas of work and responsibilities:

- Software Development: Design, develop, and maintain GIS software applications, modules, and components using programming languages such as SQL, Python, or JavaScript.

- Data Pipeline Management: Support the development and management of the data pipeline, including data ingestion, processing, transformation, and rendering. Ensure efficient and accurate handling of large volumes of geographic data.
- Quality Assurance: Implement and maintain data quality validation processes to ensure the accuracy, consistency, and reliability of geospatial data. Develop automated testing procedures and conduct rigorous quality assurance checks. Troubleshooting and bug fixing GIS related issues.
- GIS Integration: Support the integration of GIS software with other applications and systems, such as databases, web services, and APIs.

#### Collaboration and Guidance

- You will work closely with the development and data teams to support project delivery, provide technical guidance and coordinate development efforts.
- You will be mentored and coached by the GIS Developer and other members of the technical team

#### Requirements

- 3-5+ years of relevant GIS Developer experience
- Proficient in Python, PostGIS SQL queries, Javascript (Leaflet or Openlayers)
- Experience with optimising PostGIS queries though geo index is a big plus
- Ability to perform spatial analysis and create informative visualisations.
- Experience with data processing and analysis tools (e.g. QGIS Processing Toolbox)
- Experience with contributing to multiple GIT repositories through PRs
- Verbal and written fluency in English is essential

#### Learning and Development

The ideal candidate should be eager and willing to learn and grow in the role. We will provide on-the-job training and development to enable you to gain both domain knowledge around land rights sector and deeply understand our data systems and workflows. You will be mentored by our GIS Developer in the Netherlands as well as by senior colleagues in Lithuania and the Netherlands.

### **The benefits package includes**

- Market rate salary commensurate with your skills and competencies
- Four-day work week
- Being part of a fast-growing impact venture with an informal, professional work culture
- A computer or laptop for work and an external screen
- Engaging with team members, clients and users in various other countries

### **Apply!**

Applications will be processed on a rolling basis. Please apply by submitting your details:  
<https://podio.com/webforms/12899533/879652>.

The ideal starting date is March 2024..

If you have any questions, feel free to reach out to [jobs@meridia.land](mailto:jobs@meridia.land) for more information about this position.